



QUALITY WOOD FINISHING PRODUCTS

## THE FUNDAMENTALS OF FINE FINISH

<b>Curing &amp; Durability</b>	When you receive your furniture the finish is 80% cured. This is similar to cement, it is hard, protective, and ready to use right away, however, it takes an additional 3—4 weeks for the final natural hardening of the surface. For the first 3—4 weeks in your home avoid heat and moisture to the surface.
<b>Humidity</b>	There will be natural movement of the wood. Example, a table top will show a small gap at certain times of the year, then it will close back up. This is a natural product, it is not plastic.
<b>Abrasion &amp; Scratching</b>	Catalyzed varnish is tough, but not bulletproof. There will be scratches and dents along the way if you use your furniture, but there are ways to avoid this. Do not slide items across furniture, make sure to lift and move. Sliding dishes or cups that have a rough bottom will scratch the surface. Make sure you put soft, protective pads underneath vases and decorative items. Keep your furniture free of dust. Dust particles, while small, can be abrasive. Remember, this is a durable varnish, but even the toughest automobile finish will scratch with abrasion.
<b>Spills &amp; Water Rings</b>	Blot up spills immediately. The surface finish provides a tight web of protection that makes most spills that would ruin a normal lacquer finish not a problem. However, moisture for an extended period of time can cause slight discoloration that, with time, will, in most cases disappear. Try to avoid this by blotting up any spills as soon as they happen.
<b>Extreme Heat</b>	Avoid placing extremely hot items on the surface, especially in the first 3—4 weeks in your home. At anytime you should never take anything directly out of a microwave or oven and put directly on your furniture. The average heat out of a microwave is 211°F. Catalyzed varnish is tested to withstand temperatures up to 140°F.
<b>Natural Darkening</b>	Especially so with a natural or light color. Make sure to rotate place mats and accessories to prevent uneven aging when exposed to natural sunlight. Remember to rotate table leaves, as well. Table leaves that are always stored away from sunlight will not age the same as the rest of your table.
<b>Cleaning &amp; Polishing</b>	Care for your heirloom quality furniture with Heirloom Essentials® Fine Furniture Polish & Spotless Cleanser. It is formulated, specifically, to maintain the beauty and luster of furniture that has been finished with catalyzed varnish, but works on all finishes and wood species. Clean your furniture regularly with H.E. Spotless Furniture & Glass Cleanser to remove dust, fingerprints, grease and food residue. Spotless can be used on wood, glass, vinyl and many other hard surfaces. Polish once a week, or as often as you'd like with H.E. Fine Furniture Polish to maintain the rich luster of your furniture. Available in a wide variety of fragrances.
<b>PRODUCTS TO AVOID</b>	Please do not clean or polish your wood furniture, cabinetry or flooring with products containing silicone, wax or ammonia. These additives will damage varnish with repeated use. Wax buildup on varnished wood will react to moisture, heat and solvents causing hazing or blushing that would not typically occur on a clean surface. Silicone will prevent varnished wood from ever being refinished in the future. Ammonia will soften any finish, with repeated use, making it soft and sticky.

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# WOODWRIGHT® BRAND CATALYZED VARNISH PERFORMANCE SPECIFICATIONS

## Application Procedure for Testing

- **Surface** — Applied to new samples of clean, dry red oak, q.s. oak, maple or cherry.
- **Coating Weight** — Two coat system, sprayed at 4-5 wet mils per coat and finished to a dry coat weight of 3.5-4.0 mils.
- **Aging** — Coated samples were aged at room temperature for 24 hours prior to chemical and cold check testing.

## Testing Methods

- **Cold Check Resistance per Severe Cold Check Standards:** Passes 20 cycles with no film failure.
  - Each cycle consists of: 1 hour at -20°F, next 1 hour at 140° and finally 1 hour at room temperature.
- **Moisture Resistance:** Exposed to 1,000 gram weight for 15 minutes with and without moisture present.
- **Print Test:** Exposed to cloth with weight transferring 2psi to the surface. Applied for 24 hours at 77° and 104°F.

## TESTING METHODS

Substance	Exposure	Effect	Substance	Exposure	Effect
Vinegar	24 Hours	None	Tea	24 Hours	None
Oil Base Paint	24 Hours	None	Olive Oil	24 Hours	None
Mustard	24 Hours	None	Cooking Fat	24 Hours	None
Turpentine	24 Hours	None	Grape Juice	24 Hours	None
Lemon Juice	24 Hours	None	Polish Remover	2 Minutes	None
VM & P Naptha	24 Hours	None	100 Proof Alcohol	1 Hour	None
Mayonnaise	24 Hours	None	200 Proof Alcohol	24 Hours	*Slight
Milk/Cream	24 Hours	None	Water	24 Hours	None
Margarine	24 Hours	None	Acetone	2 Minutes	None/*Slight
Ketchup	24 Hours	None	MEK	200 Rubs	None
Orange Juice	24 Hours	None	Print Test	77° F	None
Red Ink	24 Hours	None	Print Test	104° F	None
Coffee	24 Hours	None	Heat Resistance	185° F Dry	None
			Heat Resistance	185° F Wet	None

\* Possible gloss change

*Note: The above tests are based on laboratory evaluations conducted on currently available products and are believed to be reliable. However, due to variances in customer application and use, the manufacturer cannot make any warranties on product functionality.*

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